

Title (en)

TRANSPORTATION ARRANGEMENT FOR TRANSPORTATION OF AN OBJECT ON A SURFACE

Title (de)

TRANSPORTANORDNUNG ZUM TRANSPORT EINES OBJEKTS AUF EINER OBERFLÄCHE

Title (fr)

AGENCEMENT DE TRANSPORT D'UN OBJET SUR UNE SURFACE

Publication

**EP 3865355 A1 20210818 (EN)**

Application

**EP 20157368 A 20200214**

Priority

EP 20157368 A 20200214

Abstract (en)

A transportation arrangement for transportation of an object on a surface comprises at least one transportation unit (10). The transportation unit comprises a housing (11) comprising a vertical front surface, two arms movably connected to the housing at each side of the vertical front surface, at least one rolling element (12) arranged at a lower portion of the housing, and a power source connected to the rolling elements and the movable arms. The rolling element are configured to roll in any horizontal direction on the surface.

IPC 8 full level

**B60S 13/00** (2006.01); **B60P 3/06** (2006.01)

CPC (source: EP KR US)

**B60P 3/06** (2013.01 - EP KR US); **B60S 13/00** (2013.01 - EP KR US); **B66F 9/07577** (2013.01 - KR US); **E04H 6/305** (2013.01 - US);  
**E04H 6/36** (2013.01 - US); **B66F 9/07577** (2013.01 - EP)

Citation (search report)

- [A] FR 3036349 A1 20161125 - STANLEY ROBOTICS [FR]
- [A] DE 102016224098 A1 20180607 - KUKA ROBOTER GMBH [DE], et al
- [A] WO 2019191899 A1 20191010 - SONGLING ROBOTICS DONGGUAN CO LTD [CN]
- [A] CN 205296954 U 20160608 - SHANGHAI HUIJU AUTOMATION TECH CO LTD

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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US 2023090016 A1 20230323; WO 2021160878 A1 20210819

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JP 2022548671 A 20210215; KR 20227031537 A 20210215; US 202117795335 A 20210215